

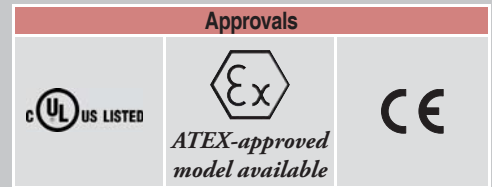
# Pocket Pump Sample Pump

**Smallest Programmable Low Flow Pump Available!**

**Flows: 20 to 225 ml/min**



Pocket Pump® in single-tube sample train



- ⊙ **Constant flows from 20 to 225 ml/min**

  - Ideal for sorbent tube sampling
- ⊙ **Programmability in a pump that fits into a shirt pocket**

  - Easy three-button pump operation; no tools needed
  - Only 5 ounces (142 grams)!
  - 4.5 x 2.2 x 1.4 inches (11.4 x 5.6 x 3.6 cm)
- ⊙ **Constant flow and constant pressure modes**

  - For single-tube sampling and time-saving multiple-tube sampling
- ⊙ **Twin port model available for bag sampling**
- ⊙ **12-hour extended run time with NiMH battery**

  - Continuous run with AC adapter for 24-hour sampling
- ⊙ **PC programmable with DataTrac Software**

  - Program delayed, intermittent, repeat, and/or multiple sampling schedules
  - Download sampling data to a PC for record keeping and data analysis
- ⊙ **Pump-controlled charging**

  - Automatically senses maximum charge and switches to trickle charge to protect the battery
- ⊙ **Large easy-to-read LCD**

  - Displays continuously updated sample volume calculations
  - Battery status always displayed
- ⊙ **Intrinsically safe**
- ⊙ **Features maintain sample integrity**

  - Automatic low battery and flow fault shut-off
  - Auto-restart after flow fault
  - Run time data stored in pump memory
  - Security code access
  - RFI/EMI shielded and CE marked
  - Impact-resistant case features sliding cover to protect keypad and interface port





## Quick View

### Pocket Pump Sample Pump

#### Performance Profile

<b>Flow Control Accuracy</b>	± 5% of set-point in constant flow mode after calibration
<b>Typical Run Time</b>	12 hrs at 200 ml/min up to 10 inches water back pressure <i>Using charger with AC power:</i> Extended run time
<b>Charge Time</b> <i>(varies with battery capacity and level of discharge)</i>	≤ 6 hrs with Pocket Pump charger (battery attached to pump); approximately 16 hrs with charger (battery detached from pump)
<b>Temperature Range</b>	<b>Operating:</b> 32 to 113 F (0 to 45 C) <b>Charging:</b> 40 to 100 F (5 to 38 C) <b>Storage:</b> -4 to 113 F (-20 to 45 C)
<b>Flow Fault</b>	After 15 sec, pump goes into Hold, retains accumulated run time display, and displays fault icon. After 5 min, auto-restart is attempted every 5 min until flow is corrected or fault mode is cancelled.
<b>Timer</b>	1 to 9999 min display ± 1% accuracy

<b>Flow Rate (ml/min)</b>	20 to 225 (all models)
<b>Weight in Ounces (grams)</b>	5 (142)
<b>Compensation Range (inches water)</b>	Up to 20 at 225 ml (constant flow)
<b>Built-in Timer/Clock</b>	Timer
<b>Constant Flow</b>	Yes
<b>Programmable</b>	Yes
<b>PC-compatible</b>	Yes
<b>Multi-tube Sampling</b>	Yes
<b>Flow Fault Feature</b>	Yes
<b>RF/EMI Shielded</b>	Yes
<b>Intrinsically Safe — UL Listed</b>	Yes (single port models)
<b>MSHA-approved Models Available</b>	N/A
<b>ATEX Models Available</b>	Yes
<b>CE Marked</b>	Yes
<b>Corrects for Changes in Atmospheric Pressure</b>	N/A
<b>Corrects for Changes in Temperature</b>	N/A
<b>Battery Type</b>	NiMH (2.4 V, 1.0 Ah) or NiCad (2.4 V, 0.6 Ah)
<b>Battery Check</b>	Yes

### Ordering Information

Pump and Kits		Cat. No.
<b>Pocket Pump only</b> with NiMH battery and screwdriver set, <i>requires charger; see kits or chargers below</i>		210-1002MH
<b>Pocket Pump (as described above) and Charger</b>	115 V 230 V	210-1000MH 210-1001MH
<b>Twin Port Pocket Pump (for bag sampling)</b> with NiMH battery and screwdriver set, <i>requires charger, see Accessories below</i>		210-1002A
<b>Starter Kit</b> includes pump as described above, single charger, Tygon tubing (3 feet, 1/4-inch ID), and collar clip with cable tie	115 V 230 V	210-1000MH-S 210-1001MH-S
<b>Single Pump Kit</b> includes pump as described above, single charger, and Type A tube holder, in a soft-side nylon carry case†	115 V 230 V	210-1000MHK 210-1001MHK
<b>5-pack Pump Kit with Single Chargers</b> includes 5 pumps as described above, single chargers, and Type A tube holders, in a Pelican case	115 V 230 V	210-1000MHK5 210-1001MHK5
<b>5-pack Pump Kit with Multi-charger</b> includes 5 pumps as described above and Type A tube holders and one 5-station charger, in a Pelican case	115 V 230 V	210-1000MH5D 210-1001MH5D
<b>Accessories</b>		
<b>Chargers</b> , suitable for NiMH and NiCad batteries	<b>5-station</b>  <b>Single (also a battery eliminator)</b>	115 V 230 V 115 V 230 V
		223-427 223-107A 223-228 223-229
<b>Replacement Parts</b>		
<b>Replacement Pump Battery Packs‡</b>	NiMH NiCad	P20129-2‡ P20129-1‡

† Single kit also available in hard-sided Pelican case; contact SKC

‡ Replacing batteries with non-approved battery packs voids any warranty and UL intrinsic safety approvals.

Recommended Accessories	
Chargers	
Battery Eliminator	
Defender Calibrator Cat. No. 717-510L	
DataTrac for Pocket Pump Software Cat. No. 877-90	
Constant Pressure Controller (CPC) Cat. No. 224-26CPC-10	
Single Tube Holder	
Adjustable Multiple Tube Holders	
Tubing	
Kit Cases	